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REMARKS

Claims 1-14 are pending in the present application.

Applicants respectfully request that the Examiner properly acknowledge the receipt of all certified copies of the priority documents.

Applicants, again, acknowledge with appreciation the Examiner's allowance of claims 5-6 and 12-14, and respectfully submit that the provided reasons for allowability include only the Examiner's interpretation, which should in no way limit the scope of the allowed claims.

Claims 1-4 and 7-11 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication No. 2002/0064234 to Kaku et al. Applicants respectfully traverse the rejection.

The Examiner held a telephone interview on May 4, 2006 with Applicants' undersigned representative, Mr. Dexter Chang (Reg. No. 44,071), to discuss the § 102 rejection and Kaku et al. Applicants and Mr. Chang thank the Examiner for her time and consideration for such an interview.

During the interview, Mr. Chang pointed out to the Examiner that Kaku et al., as cited and relied upon by the Examiner, do not disclose all features of the claimed invention. In particular, Kaku et al., as cited and relied upon by the Examiner, do not disclose "predicting a noise by comparing noise components of a pair of copied frequencies with each other and extracting a frequency band having a larger noise component from the pair of copied frequencies generated by insertion of the specific signal," as claimed. The Examiner relied upon Figs. 3 and 7, and their corresponding description in Kaku et al., as alleged disclosure of these features of the claimed invention. Fig. 3 of Kaku et al. merely illustrates zero-point insertion, noise interpolation, and noise cancellation. Correspondingly, Fig. 7 of Kaku et al. illustrates "how [a]

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noise component is canceled by paying attention only to the noise component.” Paragraph [0063] of Kaku et al. In particular, Fig. 7 of Kaku et al. only shows a noise distribution before cancellation and the steps of shifting, decimation, interpolation, shifting again, and cancellation. As such, Fig. 7 of Kaku et al. only shows the results of the steps on the noise distribution, and the steps do not include any comparing or extracting steps.

Thus, the cited portions of Kaku et al. do not disclose comparing noise components of a pair of copied frequencies and extracting a frequency band having a larger noise component from the pair of copied frequencies.

In other words, Kaku et al., as cited and relied upon by the Examiner, do not disclose,

“[a] noise canceling method comprising the steps of:
receiving a specific signal having a specified time position,
amplitude and phase;
recognizing a noise distribution of the specific signal;
predicting a noise by comparing noise components of a pair
of copied frequencies with each other and extracting a frequency
band having a larger noise component from the pair of copied
frequencies generated by insertion of the specific signal; and
reproducing a transmitted original signal by canceling the
predicted noise from a reception signal,” as recited in claim 1.
(Emphasis added)

Accordingly, Applicants respectfully submit that claim 1, together with claim 2 dependent therefrom, is patentable over Kaku et al. for at least the foregoing reasons. Claims 3, 7, and 9 incorporate features that correspond to those of claim 1 cited above, and are, therefore, together with claims 4, 8, and 10-11 dependent therefrom, respectively, patentable over Kaku et al. for at least the same reasons.

The above statements on the disclosure in the cited reference represent the present opinions of the undersigned attorney. The Examiner is respectfully requested to specifically

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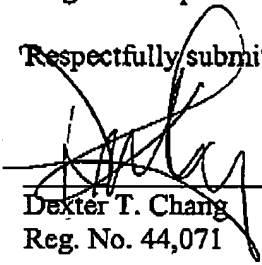
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indicate those portions of the reference that provide the basis for a view contrary to any of the above-stated opinions.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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